

SYNCHRONOUS GENERATOR FOR SERVICE IN THERMAL POWER PLANTS, AS WELL AS A WIND POWER PLANT

Abstract

A synchronous generator comprising a stator and a motor movable relative to the stator. The generator contains a plurality of poles for generating electrical energy. The time behavior of the voltage induced in one or several stator windings essentially
5 approximates the current time behavior in one stator winding or the sum of at least several component currents. The poles are positioned asymmetrically on the rotor.